EndoVue

90R0007 - ENDOVUE® 15”

HD

IMAGE PERFORMANCE

LCD Panel	Active Matrix With In Plane Switching (IPS)
Picture Size (H x W)	12.0 x 9.0 inches (304 x 228 mm)
Viewing Area (Diagonal)	15 inches (381 mm)
Pixel Pitch	0.297 mm
Resolution (H x W)	1024 x 768 (XGA)
Luminance	430 cd/m^2
Contrast Ratio	500:1
Aspect Ratio	4:3
Number of Colors	16.8 Million
Color Gamut	100% (SMPTE 296M, HD Standard)
Viewing Angle	178°
Response	10-16 ms

GENERAL

Power Requirements	22 – 24 Volts DC
Power Consumption	40W (typical)
Dimensions (W x H x D)	15 x 12 x 3.2 inches (385 x 301 x 81 mm)
Weight	10.5 lbs (4.8 Kg)
Temperature	Operating: 0 to +40°C (+32 to +104°F)
	Storage: -20 to +60°C (-4 to +140°F)
Humidity	Operating: 20 – 85% RH
	Storage: 5 – 85% RH
Mounting	100 mm VESA

SUPPLIED / OPTIONAL ACCESSORIES

Supplied: Power supply, Video Cables (S-Video, BNC, VGA), AC Cord

Optional: Desktop Stand (P/N 26B0083)

COMPLIANCE & CERTIFICATIONS

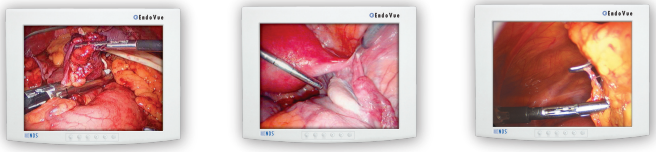
UL 60601.1; EN 60601; MDD 93/42/EEC; CE; ISO 9001:2000 and ISO 13485:2003; CAN/CSA C22.2 NO. 601.1

Class I Medical Device; FDA Registration #2954921; RoHS

INPUT FORMATS

Format	Input (Digital)	Input (Analog)	Horizontal Frequency (kHz)
576/50i (PAL)	SDI	Comp, S-Video, RGBS, YP$_b$P$_r$	15.625
480/60i (NTSC)	SDI	Comp, S-Video, RGBS, YP$_b$P$_r$	15.734
576/50p		RGBS, YP$_b$P$_r$	31.250
480/60p		RGBS, YP$_b$P$_r$	31.469
720/50p		HD-RGBS, HD-YP$_b$P$_r$	37.500
720/60p		HD-RGBS, HD-YP$_b$P$_r$	45.000
1080/50i		HD-RGBS, HD-YP$_b$P$_r$	28.125
1080/60i		HD-RGBS, HD-YP$_b$P$_r$	33.750

HIGH DEFINITION SURGICAL IMAGING



INPUTS	CONNECTIVITY
SDI	BNC, 75 Ω
HD-RGBS, RGBS	BNC x 5, or HD-15, 0.7 Vp-p ± 6db, 75 Ω
HD-YP$_b$P$_r$ / YP$_b$P$_r$	BNC x 5, or HD-15, 0.7 Vp-p ± 6db, 75 Ω
VGA	BNC x 5, or HD-15, 75 Ω
S-Video	DIN-4, or BNC x 2, 0.7 Vp-p +6/-3db, 75 Ω
Composite	BNC, 0.7 Vp-p +6/-3db, 75 Ω

OUTPUTS

SDI	BNC
HD-RGBS, RGBS	BNC x 5, or HD-15
HD-YP$_b$P$_r$ / YP$_b$P$_r$	BNC x 5, or HD-15
VGA	BNC x 5, or HD-15
S-Video	DIN-4
Composite	BNC

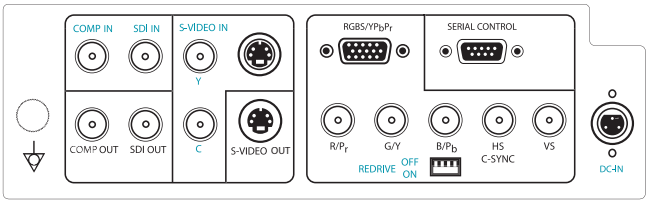
CONTROL INPUTS

Serial Remote	D-sub 9pin, RS-232C

USER CONTROLS - ON-SCREEN MENU

Brightness, Contrast, Hue, Saturation, Gamma, Sharpness, RGB Gain, Backlight Level, Horizontal & Vertical Position, Phase, Frequency, DPMS, Auto-Source Select, Scaling, Overscan (Up to 25% Overscan), Five Programmable User / Modality Settings Profiles

INPUT / OUTPUT CONNECTOR PANEL



NDS SURGICAL · IMAGING

North American Corporate Offices
5750 Hellyer Avenue
San Jose, CA 95138
United States (USA)
Tel: 408 776 0085
Email: info@ndssi.com

European Offices
Nijverheidscentrum 2D
2761 JP Zevenhuizen (ZH)
The Netherlands
Tel: + 31 180 63 43 56
Email: info@ndssi.nl

Asia Pacific Offices
1st Fl., RISE Building, 5-13,
Asakusabashi 5-Chome,
Taito-Ku, Tokyo, Japan, 111-0053
Tel: + 81 3 6420 3031
Email: info@ndssi.jp

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